



# tesa® 50577

## Product Information



### All Black Aluminum

### Product Description

tesa® 50577 is a strong aluminum tape, based on a black 50µm aluminum foil and a black acrylic adhesive. tesa® 50577 is mainly used in the arts and entertainment industry and in appliance industry as well a wide range of other applications.

### Product Features

- Perfect matt surface and a black adhesive
- Easy to remove without residues
- High temperature resistance
- Mechanical resistance
- Moisture resistant
- Vapour tight
- Ageing-resistant

### Application Fields

- Bonding of coils for heaters, air conditioning systems
- Preventing light escaping from floor cans
- Fixation of forming of barndoors
- High temperatures applications when a removability afterwards is needed
- Invisible repairs with a matt black surface

### Technical Information (average values)

The values in this section should be considered representative or typical only and should not be used for specification purposes.

### Product Construction

- |                    |                |                      |          |
|--------------------|----------------|----------------------|----------|
| • Backing          | aluminium foil | • Color of liner     | white    |
| • Type of adhesive | acrylic        | • Thickness of liner | 65 µm    |
| • Type of liner    | paper          | • Thickness of tape  | _NULL µm |
| • Total thickness  | 85 µm          |                      |          |



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### Properties/Performance Values

• Elongation at break	5 %	• Operation temperature up to	160 °C
• Tensile strength	40 N/cm	• Straight tear edge	medium
• Abrasion resistance	good	• Suitable for die cutting	yes
• Backing appearance (visual)	matt	• Temperature resistance (30 min)	160 °C
• Hand tearability	very good	• Temperature resistance min.	-40 °C
• Liner release force	0.2 N/cm	• Water resistance	very good
• Operation temperature from	-40 °C		

### Adhesion to Values

• Backing	5 N/cm	• Steel	5 N/cm
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## Disclaimer

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For latest information on this product please visit <http://l.tesa.com/?ip=50577>